

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031400034-6

MAGYARI, Bela

Wonder transformer. Radiotechnika 11 no.9:269 S '61.

MAGYARI, B.

"Output Meter" p. 2 of cover

"Development in Our Amateur Movement" p. 121

"Single-Tube Voltmeter with Bridge Circuit" p. 122
(Radiotechnika, Vol. 3, No. 6, June, 1953, Budapest)

SO: Monthly List of East European Vol. 3, No. 3
Russian Accessions / Library of Congress, March 1954
1953, Uncl.

MAGYARI, B.

"Automatic Volume Control" p. 2 of cover (Radiotechnika, Vol. 3, No. 6, June, 1953,
Budapest)

SO: Monthly List of East European Accessions / Vol. 3, No. 3
~~1953~~ Library of Congress, March 1954
1953, Uncl.

MAGYARI, E.

- "The Second Oscillator" p. 91
- "Push-Pull Amplifiers" p. 92
- "Deprez Transformed into an Alternating-Current Tool" p. 94
- "Amateur Contest in Honor of our Country's Liberation" p. 96
- "How We Should Teach Reception of Telegraph Signs" p. 3 of cover
(Radiotechnika, Vol. 3, No. 4, April, 1953, Budapest)

East European ^vol. 3, No. 3 1954
SO: Monthly List of ~~Accessions~~ Accessions, Library of Congress, March 1953, Uncl.

SZADECZKY-KARDOSS, Elemer; ZSEBOK, Zoltan, dr.; RUSZNYAK, Istvan, dr.;
 ANTALFFY, Gyorgy, dr.; BIHARI, Otto, dr.; CHOLNOKY, Laszlo, dr.;
 GRUBER, Jozsef, dr.; HAY, Laszlo, dr.; KESZTYUS, Lorand, dr.;
 MAGYARI, Andras, dr.; ORTUTATY, Gyula, dr.; PERENYI, Imre, dr.;
 PETRI, Gabor, dr.; POLINSZKY, Karoly, dr.; RAPCSAK, Andras;
 TORO, Imre, dr.; ZAMBO, Janos, dr.

Peace to the world! An appeal by the Committee on Science of
 the National Peace Council. Term tud kozl 6 no.6:241 Je
 '62.

1. Orszagos Beketanacs Tudomanyos Bizottsaganak elinoke (for Szadeczky-Kardoss).
2. Orszagos Beketanacs Tudomanyos Bizottsaganak titkara (for Zsebok).
3. Magyar Tudomanyos Akademia elnoke (for Rusznyak).
4. Szegedi Tudomanyegyetem rektora (for Antalffy).
5. Pecs Tudomanyegyetem allamjogi karanak dekanja (for Bihari).
6. Pecs Orvostudomanyi Egyetem rektora (for Cholnoky).
7. Budapesti Muszaki Egyetem rektora (for Gruber).
8. Marx Karoly Kozgazdasagtudomanyi Egyetem rektora, Budapest (for Hay).
9. Kossuth Lajos Tudomanyegyetem rektora, Debrecen (for Kesztyus).
10. Agrartudomanyi Egyetem rektora (for Magyar).
11. Eotvos Lorand Tudomanyegyetem rektora (for Ortutay).
12. Epitoipari es Kozlekedesi Muszaki Egyetem rektora (for Perenyi).
13. Szegedi Orvostudomanyi Egyetem rektora (for Petri).
14. Veszpremi Vegyipari Egyetem dekanja (for Polinszky).

(To be continued)

MAGYARI, A.

Finished experiments of the Research Institute for Animal Husbandry.
p. 294, AGRARTUDOMANY (Micsurin Agrartudományi Egyesület) Budapest,
Vol. 8, No. 7, July 1956

SOURCE: East European Accessions List (REAL) Library of Congress,
Vol. 5, No. 11, November 1956

MAGYARI, A.

Problems of increasing meat production. p. 289. AGRARTUDOMANY. (Micsurin Agrartudomanyi Egyesulet) Budapest. Vol. 8, no. 7, July 1956.

SOURCE: East European Accessions List (EEAL) Library of Congress.
Vol. 5, No. 11, November 1956.

MAGYARI, A.

Closing speech at the Congress of Veterinary science. p. 181. (Koslemenyei, Budapest, Vol. 5, no. 1/2, 1954)

SO: Monthly list of East European Accessions (EEAL), LC Vol 4, no. 6, June 1955 Uncl

MAGYARI, A.

Closing speech at the Congress of Veterinary Science. p. 181. (Koslemanyel, Budapest, Vol. 4, no. 3/4, 1954)

SO: Monthly list of East European Accessions (EEAL), LC Vol 4, no. 6, June 1955 Uncl

KERPEL- FRONIUS, Odon, dr.; NAGY, Laszlo, dr.; MAGYARKA, Borbala

Comparative study on water distribution in the myocardium and skeletal muscles of newborn animals in various phases of development. Gyermekgyógyászat 15 no.3:65-72 Mr 1964

1. Pécsi Orvostudományi Egyetem Gyermekklinika-jának közlömenye.

*

MOLNAR, Laszlo, okleveles banyamernok; POTHORNIK, Jozsef; LASSAN, Jozsef, banyamernok; BERCSENYI, Lajos, banyamernok; SZEBENYI, Ferenc, banyamernok; FENYES, Gyula, banyamernok; SULT, Tibor, banyamernok; ZSUFFA, Miklos, banyamernok; JAMBRICH, Gyula, banyamernok; REVVALVI, Janos, banyamernok; SZENDREY, Zoltan, banyamernok; BOCSI, Otto, banyamernok; SCHAFFER, Peter, banyatechnikus; SZTERMEN, Jozsef, banyamernok, muszaki fejlesztési csoportbeli foelado; MAGYARFY, Karoly, gepeszmernok; SANDOR, Gaspar, banyamernok; VISKARDI, Laszlo, gepeszmernok; GORDOS, Pal, gepeszmernok; CHMELL, Ferenc, gepeszmernok; ALMASIM Geza, gepeszmernok; AJTAY, Zoltan, dr., banyamernok; MARTOS, Ferenc, dr., banyamernok

Conference on technical development in Salgotarjan. Bany lap 97 no.10:720-722 O '64.

1. Nograd Coal Minig Trust (for Pothornik, Lassan and Ber-
csenyi). 2. Nagybatnóy Colliery (for Szebenyi, Fenyés,
Molnar, Sult and Chmell). 3. Mizserfa Colliery (for Zsuffa and
Jambrich). 4. Matranovak Colliery (for Revfalvi, Szendrey and
Bocsi). 5. Kanyas Colliery (for Schaffer, Sztermen and Magyarfy).
6. Zagyva Colliery (for Sandor, Viskardi and Gordos). 7. Director,
Mining Research Institute, Budapest (for Ajtay). 8. Department
Chief, Mining Research Institute, Budapest (for Martos).

MAGYARFY, Karoly, okleveles gepeszmernok

Index numbers of mechanization on workplaces. Bany lap 96
no.12: 907-911 D'63.

1. Nogradi Szenbanyaszati Troszt, Salgotarjan.

SZABO, Gy. ; MAGYAR, Zs.

The effect of angiotensin on circulation and cerebral metabolism in experimental shock. Acta med. Acad. sci. Hung. 20 no.2:125-133 1964.

1. National Institute of Traumatology, Budapest.

HUNGARY

SZABO, Gyorgy, MAGYAR, Zsuzsa; National Institute of Traumatology (Orszagos Traumatologiai Intezet), Budapest.

"Haptoglobin Concentration of Lymph Fluid."

Budapest, Kiserletes Orvostudomany, Vol XVIII, No 4, Aug 66, pages 418-421.

Abstract: [Authors' Hungarian summary] In 12 dogs anesthetized with chloralose, the blood plasma contained an average of 104 (s.d. 51) mg per cent haptoglobin. The plasma as well as the thoracic duct, cervical duct and intestinal lymphatic fluids contained nearly identical amounts of haptoglobin per 1 g of protein. There is a close and significant correlation between the mg haptoglobin/g protein quotients of the plasma and of the lymph fluid samples mentioned indicating that, like the other proteins, the haptoglobin in the lymphatics is derived from the blood plasma. The lymphatics of the liver contain somewhat larger amounts of haptoglobin and there is no significant correlation between the haptoglobin content of the plasma and the liver lymphatics. 2 Hungarian, 7 Western references. [Manuscript received 27 Aug 65.]

SZABO, G.; BARABAS, Gy.; VALYI-NAGY, T.; MAGYAR, Zs.

A new component from the cell wall of *Streptomyces griseus*. I.
The role of streptomycin in the life of *Streptomyces griseus*.
Acta mikrobiol. acad. sci. Hung. 12 no.1:109-113 '65.

1. Institute of Biology (Director: G. Szabo), and Institute of
Pharmacology (Director: T. Valyi-Nagy), University Medical
School, Debrecen.

HUNGARY

SZABO, Gyorgy, Dr. of med. sci., MAGYAR, Zsuzsa; National Institute of Traumatology (Országos Traumatológiai Intézet).

"Pressure and Flow Relationships in the Lymphatic System I. The Effect of an Elevation in Central Nervous Pressure on the Pressure and Flow of Lymphatic Fluids."

Budapest, A Magyar Tudományos Akadémia V. Orvosi Tudományok Osztályának Közleményei, Vol XVI, No 2-3, 1965, pages 285-296.

Abstract: [Authors' Hungarian summary] In the dog, there is a close linear correlation between venous pressure and pressure in the d. thoracicus or tr. cervicalis. In the case of increased pressure in the d. thoracicus, there is an increase in the pressure of the abdominal lymphatic vessels (liver, tr. intestinalis, tr. lumbalis); the lymphatic pressure in the extremities remains unchanged. When the emptying of the d. thoracicus is mechanically inhibited, there is a decrease in the flow. There is an inverse correlation between the logarithm of lymphatic flow and the resistance. The flow is, however, also dependent on the production of lymphatic fluid. In case of elevation of the systemic venous pressure or in acute hypoproteinemia, considerably greater flow can be noted in the d. thoracicus than in normal animals under identical resistance conditions. In case of increased lymphatic fluid production, flow will cease only in the presence of considerably increased resistance. An analysis of the correlations led to
1/2

SZABO, Gy.; MAGYAR, Zsuzsa; PAPP, M.

Correlation between capillary filtration and lymph flow in venous congestion. Acta med. acad. sci. hung. 19 no.2:185-191 '63.

1. First Department of Medicine, University Medical School, Budapest.
(LYMPH) (EXTREMITIES) (VEINS) (CAPILLARIES)
(PHYSIOLOGY)

SZABO, Gyorgy; MAGYAR, Zsuzsa

The effect of norepinephrine on the blood supply and activity of the heart in ischemic shock. Magy. sebesz. 16 no. 4:247-252 Ag '63.

1. Az Orszagos Traumatologiai Intezet (Igazgato: Szanto Gyorgy dr.) es a Budapesti Orvostudomanyi Egyetem I. sz. belgyogyaszati klinikajanak (Igazgato: Husznyak Istvan dr.) kozlemenye.

(SHOCK) (ISCHEMIA) (HEART) (NOREPINEPHRINE)

SZABO, Gyorgy; GERGELY, Janos; MAGYAR, Zsuzsa

Immunoelectrophoretic examination of the lymph.
Kiserl. orvostud. 15 no. 3:292-294 Je '63.

1. Orszagos Traumatologiai Intezet es Budapesti
Orvostudomanyi Egyetem I. es III. sz. Belgyogyaszati
klinikaja.
(LYMPH) (ELECTROPHORESIS) (PROTEINS)

SZABO, Gyorgy, dr.; ^{Zsuzsa}MAGYAR, Szuzsa

The significance of experimental closure of the extrahepatic bile ducts on hepatic circulation. Orv. hetil. 104 no.23:1070-1074 9
Je '63.

1. Orszagos Traumatologiai Intezet es Budapesti Orvostudomanyi Egyetem,
I. Belklinika.
(BILE DUCTS) (BLOOD CIRCULATION) (LIVER)

HUNGARY

SZABO, Gyorgy, MAGYAR, Zsuzsa; National Traumatological Institute (director: SZANTO, Gyorgy, Dr) and Medical University of Budapest, I. Medical Clinic (director: RUSZNYAK, Istvan, Dr) (Orszagos Traumatologiai Intezet es a Budapesti Orvostudomanyi Egyetem I. sz. Belgyogyaszati Klinika).

"The Effect of Noradrenalin on the Blood Supply and Work of the Heart During Ischemic Shock."

Budapest, Magyar Sebeszet, Vol XVI, No 4, Aug 1963, pages 247-252.

Abstract: [Authors' Hungarian summary] In dogs, the minute volume decreased essentially in proportion with the blood pressure, during ischemic shock. The coronary flow has decreased as well, although to a somewhat smaller extent. The supply of the coronaries has not been altered significantly. On the administration of noradrenalin, the arterial pressure became normal, the minute volume, however, did not increase appreciably. The increase in pressure was due to an increase of the peripheral resistance. The supply of the coronaries decreased rather than the opposite. In accordance with this, the coronary flow was raised above that of the control values and the coronary fraction of the minute volume has shown a large increase. 37 Western, 4 Hungarian references.

HUNGARY

SZABO, Gyorgy, GERGELY, Janos, MAGYAR, Zsuzsa; National Traumatological Institute and Medical University of Budapest, I. and III. Medical Clinics (Orszagos Traumatologiai Intezet es Budapesti Orvostudomanyi Egyetem, I. es III. sz. Belgyogyaszati Klinika).

"Immune Electrophoretic Investigations on the Lymph."

Budapest, Kiserletes Orvostudomany, Vol XX, No 3, June 1963, pp 292-294.

Abstract: [Authors' Hungarian summary] Protein fractions were discovered in the lymphatic system of the liver of dogs by immune electrophoretic methods, which are not found in the serum plasma or in the lymphatic fluid from other regions of the body. It is suggested that a lymphatic transport of the small amount of a protein synthesized by the liver is involved. This protein fraction is not demonstrable in the serum, probably because of the great dilution. 1 Hungarian, 4 Western references.

HUNGARY

SZABO, G., MAGYAR, Z., and KRASZNAI, I., of the National Traumatological Institute (Országos Traumatológiai Intézet), and the Internal Medical Clinic No 1 (I. szamu Belgyógyászati Klinika) of the Budapest Medical University.

"Relationship of the Protein- and Electrolyte Content of Renal Lymph with the Composition of Kidney Parenchyma and Urine"

Budapest, A MTA Biológiai és Orvosi Tudományok Osztályának Közleményei, Vol 14, No 1, 1963; pp 65-77.

Abstract: On the basis of the author's own investigations, the article deals with the following topics: (1) The electrolyte content of renal lymph. (2) The protein-content of renal lymph. (3) The water- and electrolyte content of kidney tissue. (4) The protein content of kidney tissue. The Na content of the lymph is significantly lower than that of blood plasma. No significant deviation was found in the K content. The water content of the cortex is higher than of the medulla. The osmotic pressure of the interstitial liquid of the kidney hardly differs from that of blood plasma. The cortical lymph contains significantly more protein than the hilus lymph. [34 references, mainly Western].

1/1

SZABO, Gy.; MAGYAR, Zs.; ZOLTAN, O.T.

On the effect of venous stasis and hypoproteinemia on transcapillary albumin exchange. Acta med. Hung. 18 no.2:219-234 '62.

1. I. Medizinische Klinik der Medizinischen Universität, Budapest.
(PERICARDITIS experimental) (SERUM ALBUMIN physiology)
(BLOOD PROTEINS deficiency)

SOLTI, F.; MAGYAR, Zs.; MARTON, L.; ISKUM, M.; HERMANN, R.

Studies on ~~ECG~~ and circulatory changes following modification of the tonus of the small intestine or the gallbladder in dogs in experimental conditions. Kiserl. orvostud. 14 no.2:121-131 Ap '62.

(ELECTROCARDIOGRAPHY) (VASOMOTOR SYSTEM physiol)
(INTESTINE SMALL physiol) (GALLBLADDER physiol)

HUNGARY

SEKES, Gyorgy; and SZOLAR, Jozsef, of the National Traumatology Institute (Orvosegys Traumatologiai Intezet) and the Internal Medical Clinic No 1 of the Budapest College of Medicine.

Role of the Lymphatic Vessels of the Liver After Experimental Tying of the Bile Ducts

Budapest. A Magyar Biologiai és Orvosi Tudományok Osztályának Közleményei, Vol 13, No 2, 1962; pp 361-366.

Abstract: [Authors' Hungarian summary omitted] After the closure of the common bile ducts and the d. cysticus the amount of lymph carried from the liver increases and the bilirubin concentration of plasma and lymph rises, the latter at a faster rate. In the presence of a constant-rate infusion the bromosulphthalein concentration of plasma rises after the closure of the bile ducts, and the dye concentration rises also in the lymph, but not at a faster rate than in the plasma. The authors come to the conclusion that after the tying of the bile ducts the process occurring is not a lymphatic regurgitation of bile but a resorption of the bile components filtered into the interstitium by the lymphocapillaries. [12 references, predominantly Western].

SZABO, Gyorgy; MAGYAR, Zsuzsa; PAPP, Miklos

Correlation between capillary filtration and lymph circulation
in venous stagnation. Biol orv kozl MTA 13 no.1-2:145-151 '62.

1. Budapesti Orvostudományi Egyetem I. sz. Belklinikája.

*

SOLTI, F.; MAGYAR, Zs.; MARTON, I.; ISKUM, M.; HERMANN, R.

ECG and blood circulation changes in modified tonus of walls of the small intestine and gallbladder. Acta physiol. acad. sci. hung. 20 no.4:393-403 '61.

1. I medizinische klinik der medizinischen universitat, Budapest.

(ELECTROCARDIOGRAPHY) (BLOOD CIRCULATION physiol)
(INTESTINE SMALL physiol) (GALLBLADDER physiol)

SZABO, Gyorgy, az orvostud.doktora; TOLDI, Mihaly, az orvostud.doktora;
MAGYAR, Zsuzsa

The effect of rutin on capillary permeability. Biol orv kozl MTA 11
no.4:419-424 '60. (EEAI 10:5)

1. Budapesti Orvostudományi Egyetem I. sz. Belklinika és a Magyar
Tudományos Akadémia Kísérletes Orvostudományi Intézet Korelettani
Osztálya.

(RUTIN)

(CAPILLARIES)

SZABO, Gyorgy, Dr.; MAGYAR, Zsuzsa; KERTAI, Pal, Dr.; ZADONY, Erno, Dr.

Effect of total body x-irradiation on capillary permeability. Orv.
hetil. 99 no.45:1566-1568 9 Nov 58.

1. A MTA. Kiserletes Orvostudomanyi Kutato Intezet Korellettani Oss-
talyanak es a Budapesti Orvostudomanyi Egyetem I. sz. Belklinikaanak
(Igazgato: Rusznyak Istvan dr. egyet tanar) kozlemenye.

(CAPILLARY PERMEABILITY, eff. of radiations on
x-ray total body irradiation in dogs (Hun))

(ROENTGEN RAYS, eff.
on capillary permeability, total body irradiation in
dogs (Hun))

HUNGARY/Pharmacology - Toxicology - Tranquilizers.

V

Abs Jour : Ref Zhur Biol., No 4, 1959, 18538

the femoral artery increased for a short time only in cases of I introduction directly into the femoral artery. The dilatation of vessels, induced by anoxia, decreased or even completely terminated under the influence of I. -- A.N. Ivanov

Card 2/2

HUNGARY/Pharmacology - Toxicology - Tranquilizers.

V

Abs Jour : Ref Zhur Biol., No 4, 1959, 18538

Author : Szabo, Gyorgy; Solti, Ferenc; Magyar, Zsuzsa

Inst : -

Title : The Influence of Chlorpromazine on Coronary Circulation

Orig Pub : Magyar tud. akad. Biol. es orv. tud. oszt. kozl., 1958, 9, No 1, 67-73

Abstract : In dogs under narcosis, the heart was exposed and, by means of a polyethylene cannula and rubber tube, the circumflex branch of the left coronary artery was connected with the left carotid artery. Chlorpromazine (I; 2.5-20 mg), introduced into the coronary artery, induced a fast-developing but short-lasting increase of blood flow in this artery by 30-60% with a simultaneous decrease of blood pressure. Intravenous introduction of the same doses of I led to decrease of the coronary circulation in a number of animals. The blood flow in

Card 1/2

- 14 -

Magyar. Zs.

SZABO, Gy.; MAGYAR, Zs.

The effect of dibenamine on the tone of the thoracic duct. Acta med.
hung. 11 no.1:123-128 1957.

1. Department of Pathophysiology, Institute of Experimental Medicine
Hungarian Academy of Sciences, Budapest.

(SYMPATHOLYTICS, eff.

dibenamine diminution of thoracic duct tone in dogs.)

(THORACIC DUCT, eff. of drugs on

dibenamine diminution of tone in dogs.)

SZABO, Gy.; MAGYAR, Zs.

Effect of histamine on capillary permeability. Acta med. hung.
10 no.1-2:55-66 1956.

1. I. Medizinische Universitätsklinik und pathophysiologische
Abteilung des Forschungs-Instituts für experimentelle Medizin
der ungarischen Akademie der Wissenschaften, Budapest.

(HISTAMINE, eff.

on capillary permeability in exper. animals (Ger)

(CAPILLARY PERMEABILITY, eff. of drugs on
histamine, in exper. animals (Ger))

SZABO, Gy.; MAGYAR, Zs.

Capillary permeability in ischemic shock. Acta med. hung. 8 no.3-4:
287-308 1955.

1. I. medizinische Klinik der Medizinischen Universität, Budapest.
(SHOCK, experimental,
capillary permeability in ischemic shock)
(CAPILLARY PERMEABILITY, in various diseases,
exper. ischemic shock)

FOLDI, M.; RUSZNYAK, I.; SZABO, Gy.; MAGYAR, Zs.

Studies on the function of lymph capillaries; the spread of the fluid and macromolecules in interstitium. Acta med. hung. 6 no.3-4: 229-254 1954.

1. I. Innere Klinik der Medizinischen Universitat, Budapest.

(LYMPHATIC VESSELS

capillaries, funct. in spread of fluid & macromolecules in interstitium)

(HYALURONIDASE, eff. spreading, determ.)

MAGYAR, Z

SZABO, Gyorgy; MAGYAR, Zsuzsanna

Measurement of glomerular filtration with the aid of dextran.
Kiserletes orvostud. 6 no.3:197-201 May 54.

1. Budapesti Orvostudományi Egyetem I. sz. Belgyógyászati
Klinikája.

(KIDNEY FUNCTION TESTS,
dextran, measurement of glomerular filtration)

(DEXTRAN,
measurement of glomerular filtration)

FOLDI, M.; MAGYAR, Z.

Liver function tests with rectal infusion of clearance test substance.
Kiserletes orvostud. 5 no.2:112-114 Mar 1953. (CLML 24:4)

1. First Internal Clinic of Budapest Medical University.

FOLDI, M.; SZABO, G.; MAGYAR, Zs.

The renal secretion of urea. Acta med. hung. 2 no.3-4:449-473 1951.
(CMLL 23:2)

1. Of the First Department of Medicine, of Budapest University.

INGIAL, V.

Development of the organization for management of materials in the Roman
Body and Car Factory. p. 255. *ALBANI (22400.20) S.GI OLPER.* Bucharest.
Vol. 2, no. 8. Aug. 1955.

SOURCE: East European Accessions List (EAL), 10, Vol. 5, no. 1, Feb. 1955.

MAGYAR, Tibor

Abbreviation of international organizations. Elektrotehnika 56
no.10:474-475 0 '63.

MAGYAR, Tibor, okleveles gépészmérnök (Budapest, XII., Stromfeld Aurel ut 32)

Concept of "diversity and its role in the electric power industry.
Elektrotechnika 56 no.10:449-453 0 '63.

MAGYAR, T.

621.315.1.036
201. New simple and accurate method for the calculation of sag and stress of power line conductors.
T. MAGYAR. *Elektrotechnika*, 47, No. 2, 242-53
May, 1954, in Hungarian.
In an earlier paper [see Abstr. 2709 (1954)] the author discussed sag and stress conditions for the special case of both fixing points of a power line conductor being at the same height. This paper deals with the general case. Basic equations and practical examples are given.

MAGYAR, T.

"Remarks on the article 'Value of Usual Omissions in Calculating Stresses of Transmission Lines'; also, an answer by I. Domok." Elektrotechnika, Budapest, Vol. 47, No. 3, Mar. 1954, p. 83.

SO: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, L.C.

MAGYAR, []

"Measuring concrete arches on models." Melyepitестudományi Szemle, Budapest, vol. 4, no. 6, June 1954, p. 288.

SO: Eastern European Accessions List, vol. 3, no. 10, Nov. 1954, L.C.

MAGYAR T

HUNG.

49. New, simple and precise method for designing the conductors of overhead lines - *Új, egyszerű és pontos módszer az áramvezetők tervezésére* - T. Magyar, (Electrical Engineering - *Elektrotechnika* No. 12, pp. 333-339, 1 fig., 1 tab.)

The designing of conductors of overhead lines by the precise so-called hyperbolic methods is greatly simplified by the use of short formulae and a numerical table. The author presents a method of designing for horizontal spans, formulae and a new simple fundamental equation for the solution of all practical problems, accompanied by numerical examples. The method is universal, that is to say, it may be applied to conductors made from any kind of material, any span and every difference of level, etc.

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SZABO, G.; MAGYAR, S.; KOCSEK, L.

Passage of haemoglobin into urine and lymph. Acta med. sci. Hung. 21 no. 349-359 '65.

1. National Institute of Traumatology, Budapest. Submitted April 27, 1965.

SZABO, G.; MAGYAR, Susanne

The role of angiotensinase activity in the diminished pressor response to angiotensin. Acta med. acad. sci. Hung. 21 no.2: 205-211 '65.

1. National Institute of Traumatology, Budapest, Hungary.
Submitted November 11, 1964.

SZABO, Gy; MAGYAR, Susan

The effect of noradrenaline on cardiac flow and performance in ischaemic shock. Acta med. acad. sci. Hung. 14 no.4:345-352 '63.

1. Institute of Traumatology, Budapest (director: prof. Gy. Szanto) and First Department of Medicine (director: prof. I. Rusznyak), University Medical School, Budapest.

*

SZABO, G.; FOLDI, M.; MAGYAR, S.¹⁰¹¹

On the effect of rutin on the capillary permeability. Acta med.
hung.16 no.4:423-428 '60.

1. I. Medizinische Klinik der Medizinischen Universitat, Budapest
(Direktor: Prof.Dr. I.Rusznayak).
(CAPILLARY PERMEABILITY pharmacol)
(VITAMIN P pharmacol)

SZABO, G.; MAGYAR, Susan

The effect of vasodilating drugs on capillary permeability. Acta
med. hung. 16 no.4:377-394 '60.

1. 1st Department of Medicine, University Medical School, Budapest.
(CAPILLARY PERMEABILITY pharmacol)
(VASODILATOR AGENTS pharmacol)

CZAGANYI, Zsuzsa, gepeszmernok; MAGYAR, Sandor, gepeszmernok.

Eliminating statical electricity generating during the weaving
of synthetic fibers. Magy textil 14 no.4:156-159 Ap '62

1. Textilipari Kutato Intezet (for Czaganyi).
2. Adria Selyem (for Magyar)

MAGYAR, Sandor

Remarks about Endre E. Szekely's article "Mechanization of Dressing Fiber in Open Basins" in No. 1, 1956, of Magyar Textiltechnika. P. 139 MAGYAR TEXTILTECHNIKA Budapest No. 4, Apr. 1956

SOURCE: East European Accessions List (EEAL) Library of Congress Vol. 5, no. 8, August 1956

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MAGYAR, Pal

Influenza and vitamin C. Elet tud 20 no.10:479 12 Mz '65.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031400034-6

MAGYAR, Paul

Traffic accidents and drugs. East ind 19 no.49:2311-2326 A B 164.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031400034-6

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MAGYAR, Pal

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742 17 Je '62.

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MAGYAR, Pal

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479 6 Mr '64.

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On forest- and growth-site typology. p. 363.

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Uncl.

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Uncla.

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MAGYAR, P. Restoration of our deteriorated forests with special regard to the forests of the Alföld. p. 75.

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kozl 7 no. 3:189-253 '63.

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MAGYAR, Miklos

Catalytic decomposition of ammonia. Pt.1. Veszprem vegyip egy kozl
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1. Veszpremi Vegyipari Egyetem Fizikai-kemia Tanszek.

X

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Ag '59.

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MAGYAR, Miklos

Kinetics of enzyme catalysis.II. Magy kem folyoir 67 no.2:70-72
F '62.

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Data on the kinetic evaluation of hydrocracking of the atmospheric distillation residue of Tooyasa. Acta chimica Hung 31 no.1/3:137-144 '62.

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Interpretation of the mechanism of contact catalytic reactions. Veszprem vegyip egy kozl 6 no.3:209-216 '62.

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Kinetics of enzyme catalysis.III. Inactivation mechanism of thrombin.
Magy kem folyoir 67 no.6:276-277 Je '61.

1. Vegyipari Egyetem Fizikai-Kemiai Tanszeke, Veszprem, es Orszagos
Vertranszfuzios Szolgalat Kutato Osztalya, Budapest.

MAGYAR, Miklos; SZOLCSANYI, Pal; SZABADKA, Odon; TOLL, Laszlo

Testing catalyzed water gas reaction. Pt.1. Veszprem vegyip
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1. Veszpremi Vegyipari Egyetem Fizikai-kemia Tanszek.

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New possibility for the kinetic investigation of contact catalysis.
Magy kem folyoir 66 no.9:362-365 S '60.

1. Vegyipari Egyetem Fizikai Kemiai Tanszeke, Veszprem.

MAGYAR, Miklos

Metal catalysis in technical practice.VII. Calculation of reaction kinetics data in designing reactors. Magyar folyoir 66 no.2:303-305 Ag 1960.

1. Vegyipari Egyetem Fizikai Kemiai Tanszék, Veszprém.

MAGYAR, Miklos; TOLL, Laszlo

Metal catalysis in technical practice. VI. Hydrogenation of benzol by contact nickel. (To be contd). Magyar kem. folyoir 66 no. 8: 297-303 Ag '60.

1. Vegyipari Egyetem Fizikai-Kemiai Tanszeke, Veszprem.

MAGYAR, M.

Kinetics of enzyme catalysis. p. 292.

MAGYAR KEMENAI POLYMERAI. (Magyar Kémikusok Egyesülete) Budapest, Hungary.
Vol. 65, no. 8, Aug. 1966

Monthly List of East European Accession (EEAI), IC, Vol. 9, no. 2, Feb. 1967

Uncl.

MAGYAR, M., NEMETH, K.

Metal catalysis in technical practice. B. Kinetics of the dehydrogenation of cyclohexane in the fluid system. p. 379.

MAGYAR KEMIAI FOLYOIRAT. (Magyar Kemikusok egyesulete) Budapest, Hungary
Vol. 65, No. 10, Oct. 1959.

Monthly List of East European Accessions (FEAI) LC, Vol. 9, No. 2, Feb. 1960.
Uncl.

BOYKO, N.; KHELISOV, I.

Metal catalysis in technical practice. 17. Kinetics of the dehydrogenation of cyclohexane. (To be contd.). p. 373.

MEYER VEINAI POLYMERIZAT. (Meyer Veinai Polimerizatsiya) Budapest, Hungary
Vol. 65, no. 10, Oct. 1959.

Monthly List of East European Accession (PSE), 10, Vol. 9, no. 2, Vol. 10-5
Incl.

MAGYAR, MIKLÓS

6
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Distr: 4E3d 7

✓ Industrial metallic catalysts. IV. Miklós Magyar and Lajos Hódossy (Veszprémi Egyetem, Veszprém, Hung.). *Magyar Kém. Folyóirat* 65, 378-8 (1960); cf. *Cd* 52, 19413g, 20778f. —The dehydrogenation of cyclohexane was studied, with N being used as the gas carrier, in the range 220-400° at 2.0 and 17.3% Pd concn. in the catalyst. The activity of the catalyst decreased strongly during a 2-hr. run. The reaction was first order, and was inhibited by the adsorption of H on the Pd catalyst. This effect makes Pd a less effective catalyst than Pt. V. Miklós Magyar and Károly Németh. *Ibid.* 379-83. —The dehydrogenation of cyclohexane was catalyzed by Pd adsorbed on active charcoal in a fluidized bed. The reaction was studied at 255-330° with the catalyst contg. 20% Pd, and was followed by the change in n . The order of the reaction did not change with increase of temp., although it did slow down below 340°. The order was the same as was found with fixed bed catalysis, although in this case the reaction was slower. The first-order consts. were $k_{255^\circ} = 0.00769/\text{hr.}$ and $k_{330^\circ} = 0.302/\text{hr.}$ P. Farago

HUNGARY / Physical Chemistry. Kinetics. Combustion. B
Explosions. Topochemistry. Catalysis.

Abs Jour: Ref Zhur-Khimiya, No 17, 1958, 56794.

Author : Magyar Miklos.

Inst : ~~Not given.~~

Title : Metallic Catalyzers in the Industry. III

Orig Pub: Magyar Kem. Folyoirat, 1958, 64, No 1, 1 - 5.

Abstract: In order to explain the mechanism of heterogenous catalytic reactions on metals, it is necessary to consider the absorption, surface reaction and desorption as a single elementary process. Equations for the rate of reaction can be derived, as in the case of stationary reactions, by applying the Bodenstein method. The correctness of the suggested method is demonstrated by an example of the decomposition of NH_3 and reduction of C_2H_4 . For report II see RZhKh 1958, 46026.

Card 1/1

MAGYAR, MIKLOS

Distr: 4E3d

Dehydrogenation of cyclohexane. Miklós Magyar and
Károly Németh (Univ. Chem. Ind., Veszprém, Hung.).
Veszprémi Vegyipari Egyetem Közleményei 2, 35-40 (1958);
cf. CA 55, 3160k. —By studying the reaction in a fluidized
bed at the transition temp. range of 225-330° it was found
that the reaction mechanism was the same as in a stationary
bed (*loc. cit.*). Owing to the increased active catalyst
surface, the reaction velocity was higher in the fluidized
bed. G. J. Roze

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MAGYAR, MIKLOS

Distr: 4E3d

✓ Mechanism of the dehydrogenation of cyclohexane.
 Miklós Magyar and Lajos Hódossy (Univ. Chem. Ind.,
 Veszprém, Hung.). *Veszprémi Vegyipari Egyetem Köz-
 lelményei* 2, 27-33(1958).—The kinetics was studied on
 Pd and Pt catalysts, resp., in the app. described by Magyar
 (*Analitikai Közlemények* No. 2, 27(1955)). The curve
 obtained at 340° was linear; this showed that the reaction
 is of the 1st order at that temp. Only slight deviations
 from a straight line occurred at higher temps.; this was
 attributed to higher conversion rates caused by the in-
 creased reaction velocities. At lower temps. the retarding
 action of H became evident. Contrary to theoretical
 expectations, the reaction activity on a Pd catalyst was
 lower than on a Pt catalyst. This was attributed to the
 fact that the H atom, formed in the primary phase of the
 reaction, is more firmly bound to the Pd surface than to
 the Pt surface; hence, its retarding action is more evident.

G. J. Bruyet

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MAGYAR, MIKLOS

Distr: 4E2c(j)

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JAS (NS)
/ Metal catalysis. Miklos Magyar (Univ. Chem. Ind.,
Veszprém, Hung.). *Veszprémi Vegyipari Egyetem Közle-
ményei* 2, 21-6(1958); cf. *CA* 52, 20773f. The mechanism
of the oxidn. of ethylene on Ag catalyst was studied. A
hyperactive Ag catalyst was prepd. (details are not given)
that was capable of obtaining conversion at a 100% yield.
The reaction was consecutive, i.e., ethylene oxide formed
first which, in turn, further oxidized into CO_2 and H_2O . To
inhibit the 2nd stage, it was necessary to allow only an ex-
tremely short contact time on the hyperactive catalyst.
G. J. Enye

MAGYAR, MIKLOS

HUNGARY/Physical Chemistry - Kinetics, Combustion, Explosions, B.
Topochemistry, Catalysis.

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 46026

Author : Miklos Magyar

Inst : -

Title : Technical Use of Metallic Catalysts. II. Determination
of Reaction Kinetics.

Orig Pub : Magyar kem. folyoirat, 1957, 63, No 11, 302-309

Abstract : A graphical method of deriving kinetic equations of
heterogeneous catalytic reactions is proposed.
See part I in RZhKhim, 1956, 77639.

Card 1/1

~~MAKAR~~ MAGYAR, M.

Distr: 4E2c(j)

Catalysis by metals in industrial practice. I. Miklós Magyar (Univ. Veszprém, Hung.). Magyar Kém. Folyóirat 62,143-4 (1958). Kinetic equations are postulated for various uni- and bimol. reactions catalyzed by metals. One of these equations is tested by using exptl. results of the Ag-catalyzed oxidation of ethylene in a closed system (Twigg, C.A. 41, 8355). It is claimed that fitting exptl. results to one of the equations may give useful information on the mechanism of the reactions investigated. Saul Patai

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MAGYAR, MIKLOS

Notes on the theory of metal catalysis. Miklos Magyar
 (Coll. Chem. Technol. Veszprem, Hung.). Magyar Kém.
 Folyóirat 62, 1-3(1956).—An attempt was made to classify
 diverse catalytic phenomena according to the electronic
 structure of the metal. Hydrogenation is catalyzed by
 metals with an even no. of electrons, e.g. Cr, Mo (d^4s^2); Fe,
 Ru, Os, (d^6s^2); Ni, Pd, Pt (d^8s^2). Oxidation is catalyzed by
 atoms with an odd no. of electrons, e.g. Group V, Mn, Co.
 The difference in the magnetic properties of H and O is
 supposed to account for this division into 2 groups of the
 metals which catalyze their reactions, by stabilizing the
 radicals through chemisorption. Examples are given to
 support Kossel's law for ionic catalysts. E. E. Richards.

MAGYAR, MIKLOS

Vizsgalatok a femkatalizis teruletn; osszefoglalo jelentes.

Budapest, Hungary, (Veszprem, Hungary. Magyar Asvanyolaj es Foldgaz
Kiserleti Intezet. Kiadvany, 106) 1955, 44 p.

Monthly List of East European Accessions (EEA1) LC, Vol. 8, No. 6, June 1959.
Uncl.

M. K. 105 M. 105

the reactor capacity divided by the time of contact. The
actual exptl. data prove the following reaction mechanism:
(1) $1/2 H_2 + Pt \rightarrow 1/4 H_2 + Pt$; (2) $S + Pt \rightarrow H_2 + Pt$; (3) $Pt \rightarrow$
 $H_2 + Pt$; (4) $1/2 H_2$. In practical application for steam of H-
rised naphthenes it must be considered that under given
conditions an aromatization of 6-ringed naphthenes occurs
too, but by adding H₂ to Pt, that reaction could be elimi-
nated. Cyclization of some types of paraffins can also occur,
but by working at a certain temp. range, this can be mini-
mized. Variations in the method of prepn. of the catalyst
permit further acceleration of the results. For the calcn.
of the naphthene content an empirical calcn. nomogram was
prepared. The aromatic content was detd. by a known chroma-
tographic method (Mair, C.A., 50, 40284). A. E. L.

H

3/3

PM

Nickel Methyl

$V = \frac{a}{1 + bP}$, where a and b are corresponding constants under the given conditions. V is the rate of addn. of H_2 to the naphthene content in the starting material, a is the content of naphthenes in the raw material, b the yield of aromatics and aromatics in the raw material, x the yield of aromatics to naphthenes. x is the factor of reaction from aromatics to naphthenes. From the equation it is possible to calc. the apparent activation energy of the catalyst. The equation is valid only at a certain temp. and under similar conditions and was examined during the expts. The expt. can be made independently of the math. const. b based on the expt. results. V in $a/(1 + bP)$ is demonstrated as a function of $1/P$. The expts. were made with aromatic-free methylcyclohexane at 80°C at a flow rate of 0.2 ml per min. The process can be examined by Langmuir's idea. Transferred to the actual problem: $V = K_1 P / (1 + K_2 P)$; V = rate of reaction, K_1 = rate const., N = naphthenes, P = free active catalyst center. The immediate liberation of the 6 H atoms is followed by the liberation of the S complex to make free space in the Pt for H_2 . The rate of reaction is proportional to the area covered by the mole and is a math. function of the gas pressure. The rate of reaction is $dP/dt = K_1 P$. The desorption velocity of H_2 affects the total rate of the reaction. From the point of view of the surface reaction H_2 is a poison and has the following absorption isotherm: C_{ad} (adsorbed poison)/ C_{gas} (concn. of the poison in gas phase) = K_3 (const. of the adsorbed poison). The real equation is: $K = (a/b) \ln [a/(a - x)] - (x/b)$. It agrees with the original equation if the rate of addn. is considered equal to

the problems of aromatization of six-membered and five-membered naphthenic rings. *Moscow Univ. Chem. Engng. Bull.* 1964, 17, 113. (1) At high temp. and low pressure the presence of a catalyst of naphthenic hydrocarbons, causing dehydrogenation and transformation into aromatic hydrocarbons Ar. This applies also to dist. of naphthenic hydrocarbons and to increasing the aromatic part in them. Not much is known about the kinetics of this reaction, and endothermal reaction. The catalyst used should have the ability of temporarily bonding the H atoms: $N + 2H \rightleftharpoons Ar + 2H_2$ (N = catalyst complex). Catalysts that have a certain procedure have similar electron distribution. The metals can be found in the right side field of Skaib's periodic system in the columns Fe^0 , Co^0 , Ni^0 (Gerasimovskiy, *Chim. Akad. Sci. USSR*). They have similar electron distribution and catalytic action for the actual procedure. The H are released at once from naphthenes (Balashina and Kravtsov, *Chim. Akad. Sci. USSR*), (as that reason the active centers of the catalyst must be located corresponding to the structure of the naphthenic mole. Pt, Pd, and Ni are the best catalysts for the dehydrogenation. The expts. were made in 1 atm. and with Pt catalyst. The optimum temp. for the catalytic dehydrogenation of 6-membered naphthenic hydrocarbons is around 350° . Further the rate of the reaction of the compd. and gas is in direct relation at the conversion. Shows addn. of the compd. accelerated the reaction. At const. rate of addn. the activity of the catalyst decreases the following velocity. The rate of the reaction is described by the equation $\alpha = V_0/a \ln [(a - x_1)/(a - x_2)] -$

Distr: 4E3d

MAGYAR, MIKLOS

Asvanyolajparlatok naftentartal-manak meghtarozasa katalitikus
dehidrogenezessel; zarojelentes.

Veszprem, Hungary, Magyar Asvanyolaj es Foldgaz Kiserleti Intezet, 1953,
48 p.

Monthly List Of East European Accessions (EEA1) LC, Vol. 8, No. 6, June 1959
Uncl.

KELEMEN, Andorne, dr., tudományos munkatárs; MAGYAR, Laura, H. dr.,
tudományos munkatárs

A new "B" class insulator in the electric industry. Elektrotechnika
53 no.5/6:232-234 '60.

1. Szerves Vegyipari és Muanyagipari Kutató Intézet (for Kelemen).
2. Villamosipari Kutató Intézet (for Magyar).

MAGYAR, Laura, H., dr.

Epoxy resin nettings by organic metal compounds. Elektrotechnika
55 no.2/3:82-85 F/Mr '62.

1. Villamosipari Kutato Intezet.